

Second Announcement and Call for Papers

“The Shuttle Radar Topography Mission – Data Validation and Applications” Workshop

**June 14-16, 2005
Reston, Virginia, USA**

February 2005 marked five years since the flight of the Shuttle Radar Topography Mission (SRTM), a joint project of the National Geospatial-Intelligence Agency and the National Aeronautics and Space Administration. The result of the mission is an unprecedented near-global high-resolution elevation dataset. Since the Shuttle flight, the mapping community has eagerly anticipated the availability of this new source of basic topographic information. All SRTM data production has been completed, and the data are now being used in numerous applications. To help document the SRTM data quality and characteristics, and to describe applications benefiting from the data, a workshop is being convened for the SRTM data user community.

Workshop Web Site: <http://edc.usgs.gov/conferences/SRTM/>

Workshop Sponsors: National Aeronautics and Space Administration (NASA); United States Geological Survey (USGS); Committee on Earth Observation Satellites/Working Group on Calibration and Validation (CEOS/WGCV); International Society for Photogrammetry and Remote Sensing (ISPRS); National Geospatial-Intelligence Agency (NGA)

Workshop Dates and Location: The workshop will be held Tuesday through Thursday, June 14-16, 2005 at the USGS national headquarters facility in Reston, Virginia (suburban Washington, D.C.).

Workshop Program: The workshop program will include invited overview presentations, contributed presentations, panel discussions, and poster presentations. Contributed and poster presentations for the workshop are solicited to cover one or more of the following topics:

- Evaluation of the horizontal and vertical accuracy of SRTM elevation data products
- Spatial resolution analysis of SRTM elevation data products
- Comparison of SRTM elevation data products with other types of elevation data, especially data derived from other remote sensing systems
- Comparison of SRTM C-band products with X-band products in terms of accuracy and spatial resolution
- Generation of datasets derived from SRTM elevation data, and comparison of derivative products with similar products derived from other sources of elevation data
- Algorithms for filling voids in SRTM elevation data
- Algorithms for bare earth processing (vegetation removal) of SRTM data
- Techniques for information extraction from SRTM data
- Hybrid products created by merging SRTM data with other remote sensing and geospatial datasets

- Applications of SRTM elevation data and derived products, with a special focus on describing the impact of using SRTM data in place of other elevation datasets
- New applications of elevation data facilitated by the availability of SRTM data

Workshop participants interested in making a presentation are asked to submit an abstract by **April 30, 2005**, indicating the presentation title and topic, and presenter information (note: this is an extension from the original deadline of April 15). Please indicate your preference for an oral presentation or poster presentation. Notification of acceptance will be sent by May 15, 2005. Abstracts should be submitted online at the workshop web site at:

<http://edc.usgs.gov/conferences/SRTM/CallForPapers.html>. A preliminary program, including presentation titles and submitted abstracts, will be posted to the workshop web site by May 20, 2005 at: **<http://edc.usgs.gov/conferences/SRTM/WorkshopProgram.html>**.

Workshop Registration: Pre-registration will be required for all workshop participants. Registrations are now being accepted online via the workshop web site at:

<http://edc.usgs.gov/conferences/SRTM/Registration.html>. The registration fee for the workshop is \$120 (USD), and it includes:

- Workshop materials, including a printed program and book of presentation abstracts
- Coffee and refreshments at all morning and afternoon breaks
- Two lunches (Tuesday and Wednesday)
- An evening reception/poster session on Tuesday, including refreshments and a cash bar
- Bus transportation to a Thursday afternoon tour of the Udvar-Hazy Center of the Smithsonian National Air and Space Museum at nearby Washington Dulles International Airport. The SRTM canister, mast, and outboard antenna assembly are on display at the museum.

A secure online system for credit card payment of the registration fees will be available soon. Please feel free to register now, and then you will be notified by email as soon as the payment system is available. Pre-payment of the workshop fee is encouraged, but payment can be made at the workshop in cash or by credit card. The deadline for workshop registration and online pre-payment of \$120 is **June 3, 2005**. For payment at the workshop, the registration will be \$135.

For Further Information: See the workshop web site at:

<http://edc.usgs.gov/conferences/SRTM/> or send an inquiry to: **srtm_workshop@usgs.gov**

Workshop Organizing Committee:

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